

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: LUMPKIN ET AL. )  
SERIAL NO.: 09/685,284 )  
FILED: OCTOBER 10, 2000 )  
TITLE: CABLE FEED FOR A MECHANICAL )  
BALL BEARING DISC BRAKE )  
EXAMINER: KRAMER, D.  
ART UNIT: 3613

Assistant Commissioner for Patents  
Washington, D.C. 20231

**AMENDMENT**

Sir:

An Office Action was mailed in the above-captioned application on August 21, 2001.  
This Amendment and Remarks document is submitted in response to said Office Action.

**IN THE CLAIMS:**

Please cancel claims 1 and 18.

*Sub C1* Replace Claim 2 with the following replacement claim:

2. (Amended) A cable actuated mechanical disc brake caliper comprising:  
a caliper housing;

a cable guide rigidly fixed to the housing, the cable guide having a cable receiving bore extending along a guide axis for axially receiving a cable;

a lever arm pivotably attached to the caliper housing for pivoting about a pivot axis, the lever arm being operatively associated with a brake pad to move the brake pad between a retracted and an extended position as the lever arm is pivoted in a first direction from a non-actuated position to a fully actuated position, the lever arm including a cable clamp radially spaced from the pivotal attachment for fixedly attaching a cable to the lever arm in a select orientation relative to the lever arm at an attachment point, the attachment point being essentially

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coincident with the guide axis with the cable arm in the fully actuated position; and

a guide surface curved about the pivot axis having a first portion attached to the lever arm with the attachment point essentially coincident therewith and a second portion circumferentially spaced from the first portion, the second portion being essentially tangent to the guide axis with the lever arm in the non-actuated position.

*Replace Claim 8 with the following replacement claim:*

*B2*  
~~Claim 8~~ (Amended) The cable actuated mechanical disc brake caliper of claim 2 wherein the cable clamp clamps along an axis perpendicular to the pivot axis.

#### REMARKS

Claims 1 and 18 have been cancelled. Claim 2-17 remain at issue.

Claims 1 and 18 stand rejected under 35 U.S.C. §102(e) as being anticipated by Huang, U.S. Patent No. 6,230,850. Claims 1, 8 and 18 stand rejected under 35 U.S.C. §102(b) as being anticipated by Toyomusu, U.S. Patent No. 3,765,511. Claims 2-7 and 9 stand objected to as being dependent upon a rejected base claim, but have been indicated as being allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Claims 10-17 are allowed.

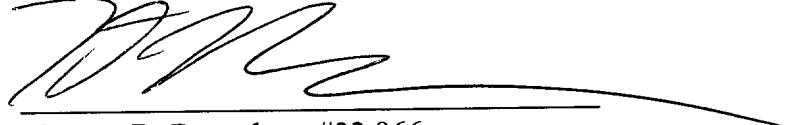
As set forth above, Claims 1 and 18 have been cancelled. Claim 2 has been amended to incorporate all of the limitations of claim 1. Claim 8 has been amended to be dependent from claim 2, which has been indicated as being allowable. Applicant respectfully submits claims 2-9 are now in condition for allowance and all rejected claims have been cancelled, with Applicant reserving the right to pursue these cancelled claims in a continuation application. Applicant therefore respectfully requests prompt issuance of a Notice of Allowance indicating allowance of claims 2-17.

If it would helpful to obtain favorable consideration of this case, Examiner Kramer is encouraged to call and discuss the case with the undersigned.

This constitutes a request for any needed extension of time and an authorization to charge all fees therefore to deposit account No. 19-5117 if not otherwise specifically requested. The

undersigned hereby authorizes the charge of any fees created by the filing of this document or any deficiency of fees submitted herewith to be charged to deposit account No. 19-5117.

Respectfully submitted,



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